## What is claimed is:

- 1. A method for enhancing compound/drug penetration into hair follicles on body areas of animals and humans, comprising the steps of:
- a. simultaneously applying topically said compound/drug and a swellable composition to said body areas with an intact stratum corneum;
  - b. allowing said composition to penetrate into said hair follicles; and
  - c. volume swelling said swellable composition, wherein internal forces are generated by said swellable composition at said hair follicles during and after said volume swelling of said composition to prevent collapse of said follicle during release of said compound/drug.
- 2. A method according to claim 1, wherein said swellable composition includes a compound/drug.
- 3. (cancelled)
- 4. A method according to claim 1, wherein said swelling causes opening of said hair follicles and prevents said hair follicles from collapsing.
- 5. A method according to claim 1, wherein said swelling enlarges a depth of an inner lumen space of said hair follicles.
- 6. A method according to claim 1, wherein said method further comprising a pretreatment step of:

removing hair from said hair follicles.

7. A method according to claim 1, wherein said method further comprising a pretreatment step of:

cutting external hairs.

- 8. A method according to claim 1, wherein said applying topically includes massaging said swellable composition into said body area having hair follicles.
- 9. A method according to claim 1, further comprising another step after step c: occluding said hair follicles.

- 10. A method according to claim 1, wherein said compounds/drugs are molecules and their derivatives used in cosmetic/pharmaceutical applications.
- 11. A method according to claim 1, wherein said compounds/drugs are photosensitizer molecules, their derivatives and their precursors used in photodynamic therapy.
- 12. A method according to claim 1, wherein said swellable composition is cosmetically/pharmaceutically acceptable.
- 13. A method according to claim 1, wherein said swellable composition are polymers.
- 14. A method according to claim 13, wherein said polymers are biodegradable.
- 15. A method according to claim 13, wherein said polymers are biologically active.
- 16. A method according to claim 13, wherein said polymers are encapsulated.
- 17. A method according to claim 13, wherein said polymers are structures in a form of microspheres.
- 18. A method according to claim 13, wherein said polymers are encapsulated in liposomes.
- 19. A method according to claim 1, wherein said swelling composition is covered during said volume swelling, and whereby horizontal swelling of said swelling composition is favored asgainst vertical swelling.
- 20. A method according to claim 19, wherein said swelling composition is covered by a cover selected from a group consisting of a plate, a film and a dressing.

## What is claimed is:

- 1. A method for enhancing compound/drug penetration into hair follicles on body areas of animals and humans, comprising the steps of:
- a. <u>simultaneously</u> applying topically <u>said compound/drug and</u> a swellable composition to said body areas <u>with an intact stratum corneum;</u>
  - b. allowing said composition to penetrate into said hair follicles; and
  - c. volume swelling said swellable composition, wherein internal forces are generated by said swellable composition at said hair follicles during and after said volume swelling of said composition to prevent collapse of said follicle during release of said compound/drug.
- 2. A method according to claim 1, wherein said swellable composition includes a compound/drug.
- 3. (cancelled)
- 4. A method according to claim 1, wherein said swelling causes opening of said hair follicles and prevents said hair follicles from collapsing.
- 5. A method according to claim 1, wherein said swelling enlarges a depth of an inner lumen space of said hair follicles.
- 6. A method according to claim 1, wherein said method further comprising a pretreatment step of:
  - removing hair from said hair follicles.
- 7. A method according to claim 1, wherein said method further comprising a pretreatment step of:
  - cutting external hairs.
- 8. A method according to claim 1, wherein said applying topically includes massaging said swellable composition into said body area having hair follicles.
- 9. A method according to claim 1, further comprising another step after step c: occluding said hair follicles.

- 10. A method according to claim 1, wherein said compounds/drugs are molecules and their derivatives used in cosmetic/pharmaceutical applications.
- 11. A method according to claim 1, wherein said compounds/drugs are photosensitizer molecules, their derivatives and their precursors used in photodynamic therapy.
- 12. A method according to claim 1, wherein said swellable composition is cosmetically/pharmaceutically acceptable.

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- 13. A method according to claim 1, wherein said swellable composition are polymers.
- 14. A method according to claim 13, wherein said polymers are biodegradable.
- 15. A method according to claim 13, wherein said polymers are biologically active.
- 16. A method according to claim 13, wherein said polymers are encapsulated.
- 17. A method according to claim 13, wherein said polymers are structures in a form of microspheres.
- 18. A method according to claim 13, wherein said polymers are encapsulated in liposomes.
- 19. A method according to claim 1, wherein said swelling composition is covered during said volume swelling, and whereby horizontal swelling of said swelling composition is favored asgainst vertical swelling.
- 20. A method according to claim 19, wherein said swelling composition is covered by a cover selected from a group consisting of a plate, a film and a dressing.